

SEP 04 2002



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TECH CENTER 1600/2900



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OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/548,998D

DATE: 07/22/2002

TIME: 14:57:40

Input Set : N:\Crf3\07022002\I548998C.raw

Output Set : N:\CRF3\07222002\I548998D.raw

Does Not Comply
Corrected Diskette Needed

1 <110> APPLICANT: EBERSOLE, RICHARD C.
 2 HENDRICKSON, EDWIN
 3 <120> TITLE OF INVENTION: NUCLEIC ACID FRAGMENTS FOR THE IDENTIFICATION OF
 4 DECHLORINATING BACTERIA
 5 <130> FILE REFERENCE: BC1002 US NA
 C--> 6 <140> CURRENT APPLICATION NUMBER: US/09/548,998D
 7 <141> CURRENT FILING DATE: 2002-06-13
 8 <150> PRIOR APPLICATION NUMBER: 60/129,511
 9 <151> PRIOR FILING DATE: 1999-04-15
 10 <160> NUMBER OF SEQ ID NOS: 60
 11 <170> SOFTWARE: Microsoft Office 97

ERRORED SEQUENCES

165 <210> SEQ ID NO: 7
 166 <211> LENGTH: 1443
 167 <212> TYPE: DNA
 168 <213> ORGANISM: Dehalococcoides ethenogenes
 169 <400> SEQUENCE: 7

170	gatgaacgct agcggcggtgc attatgcatg caagtcgaac ggtcttaagc aattaagata	60
171	gtggcaaacg ggtgagtaac gcgtaagtaa cctacctcta agtgggggat agcttcggga	120
172	aactgaaggc aataaccgcat gtgatgggct gacataagtc ggttcattaa agccgcaagg	180
173	tgcttggtga ggggcttgcg tccgattagc tagttggtgg ggtaatggtc taccgaaggc	240
174	tcgatcggta gctggtctga gaggatgac agccacactg ggactgagac acggggccaga	300
175	ctcctacggg aggcagcagc aaggaatctt gggcaatggg cgaaagcctg acccagcaac	360
176	gccgcgtgag ggatgaaggc ttccgggttg taaacctctt ttcacaggga agaataatga	420
177	cggtaacctgt ggaataagct tccgctaaact acgtgccagc agccgcggta atacgtaggg	480
178	aagcaagcgt tatccggatt tatttggtcgt aaagtgcgag taggtggtct ttcaagttgg	540
179	atgtgaaatt tcccggctta accgggacgt gtcattcaat actgttggac tagagtacag	600
180	caggagaaaa cggaattccc ggtgtagtgg taaaatgcgt agatatcggg aggaacacca	660
181	gaggcgaagg cgtttttcta ggttgctact gacactgagg ctcgaaagcg tggggagcga	720
182	acagaattag atactctggt agtcacagcc ttaactatg gacactaggt ataggagta	780
183	tcgacctctt ctgtgccgaa gctaaccgct taagtgtccc gcctggggag tacggtcgca	840
184	aggctaaaac tcaaaggaat tgacgggggc ccgcacaagc agcggagcgt gtggtttaat	900
185	tcgatgctac acgaagaact taccgaagatt tgacatgcat gaagttagta accgaaaggg	960
186	aaacgacctg ttaagtcagg agtttgacac ggtgctgcac ggtctgctgc agctcgtgcc	1020
187	gtgaggtggt ggggttaagtc ctgcaacgag cgcaaacctg ttgctagtta aattttctag	1080
188	cgagactagc gagactgccc ccgcgaaacg ggaggaaggc ggggatgacg tcaagtcagc	1140
189	atggccttta tatottgggc taccacacag ctacaatgga cagaacaata ggttgcaaca	1200
190	gtgtgaactg gagctaattc ccaagctgt cctcagttcg gattgcaggc tgaaccgcgc	1260
191	ctgcatgaag ttggagttgc tagtaaccgc atatcagcaa ggtgcggtga atacgttctc	1320
E--> 192	gggccttgta cacaccgccc gtcacgtcat ganagccggt aacacttgaa gtcgatgtgc	1380

→ not detected in
sequence. see p. 3
for explanation

RAW SEQUENCE LISTING

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Input Set : N:\Crf3\07022002\I548998C.raw

Output Set: N:\Crf3\07222002\I548998D.raw

193	caaccgcaag gaggcagtcg ccgaggggtgg gactggtaat tgggacgaag tcgtaacaag	1440
194	gta	1443

VARIABLE LOCATION SUMMARY

DATE: 07/22/2002

PATENT APPLICATION: US/09/548,998D

TIME: 14:57:42

Input Set : N:\Crf3\07022002\I548998C.raw

Output Set: N:\Crf3\07222002\I548998D.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:7; N Pos. 1353

Seq#:8; N Pos. 5,11,18,21,28,37,42

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/548,998D

DATE: 07/22/2002

TIME: 14:57:42

Input Set : N:\Crf3\07022002\I548998C.raw

Output Set: N:\Crf3\07222002\I548998D.raw

L:6 M:270 C: Current Application Number differs, Wrong Format
L:192 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:7
L:200 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:204 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:208 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:212 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:216 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:220 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:224 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:229 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:354 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:386 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:390 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:394 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:398 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:402 M:256 W: Invalid Numeric Header Field, <220> has non-blank data